

REMARKS

Claims 1-35 were previously pending in this patent application. Claims 1-35 stand rejected. Herein, Claims 1, 12, and 25 have been amended. Accordingly, after this Amendment and Response, Claims 1-35 remain pending in this patent application. Further examination and reconsideration in view of the claims, remarks, and arguments set forth below is respectfully requested.

35 U.S.C. Section 102(b) Rejections

Claims 25-27 stand rejected under 35 U.S.C. 102(b) as being anticipated by Fowler et al., U.S. Patent No. 6,104,979 (hereafter Fowler). These rejections are respectfully traversed.

Independent Claim 25 recites:

A method of interacting with a guidance system, said method comprising:

displaying on a display device of said guidance system a plurality of available functions in a menu-driven manner that is user friendly, wherein said display device is adapted for displaying text and graphics; and

providing said guidance system a data input device adapted for accessing and interacting with any one of said available functions with a minimum number of inputs and with minimum use of said inputs, wherein said data input device **enables scrolling, selecting, and editing operations**. (emphasis added)

It is respectfully asserted that Fowler does not disclose the present invention as recited in Independent Claim 25. In particular, Independent Claim 25 recites the limitation, "wherein said data input device **enables scrolling,**

selecting, and editing operations," (emphasis added). In contrast, Fowler discloses a control interface (30) comprising three buttons, wherein the user utilizes the control interface (30) to select the desired pattern and width of the swath, to input the swath reference points by depressing the appropriate button on the control interface (30), and to move from one display to another. [Fowler; Col. 3, line 64 through Col. 4, line 8; Col. 5, lines 5-10]. However, Fowler fails to disclose a data input device that enables scrolling, selecting, and editing operations, as in the invention of Independent Claim 25. Therefore, it is respectfully submitted that Independent Claim 25 is not anticipated by Fowler and is in condition for allowance.

Dependent Claims 26-27 are dependent on allowable Independent Claim 25, which is allowable over Fowler. Hence, it is respectfully submitted that Dependent Claims 26-27 are patentable over Fowler for the reasons discussed above.

35 U.S.C. Section 103(a) Rejections

Claims 1-10 and 12-23 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Gvili, U.S. Patent No. 5,717,593 (hereafter Gvili) in view of Fowler et al., U.S. Patent No. 6,104,979 (hereafter Fowler). These rejections are respectfully traversed.

Independent Claim 1 recites:

An integrated guidance system comprising:
a position determination system adapted for determining a current position;
a lightbar device adapted for providing a visual representation of a deviation of said current position from a desired path to guide movement along said desired path;
a data input device for ***scrolling, selecting, and editing operations***;
a display device for displaying text and graphics; and
a processor adapted for facilitating user interaction by integrating operation of said position determination system, said lightbar device, said data input device, and said display device. (emphasis added)

It is respectfully asserted that there is no suggestion, motivation, or teaching found in the cited references (Gvili and Fowler) to combine them. Moreover, the combination of the cited references does not teach, suggest, or motivate all the limitations in Independent Claim 1.

Furthermore, Independent Claim 1 recites the limitation, "data input device for ***scrolling, selecting, and editing operations***," (emphasis added). In contrast, Gvili simply shows a control panel (72) for making necessary control action inputs. [Gvili; Figure 1; Col. 7, lines 33-45]. However, Gvili fails to disclose a data input device that enables scrolling, selecting, and editing operations, as in the invention of Independent Claim 1.

Continuing, Fowler discloses a control interface (30) comprising three buttons, wherein the user utilizes the control interface (30) to select the desired pattern and width of the swath, to input the swath reference points by depressing the appropriate button on the control interface (30), and to move from one

display to another. [Fowler; Col. 3, line 64 through Col. 4, line 8; Col. 5, lines 5-10]. However, Fowler fails to disclose a data input device that enables scrolling, selecting, and editing operations, as in the invention of Independent Claim 1. Therefore, it is respectfully submitted that Independent Claim 1 is patentable over the combination of Gvili and Fowler and is in condition for allowance.

Dependent Claims 2-10 are dependent on allowable Independent Claim 1, which is allowable over the combination of Gvili and Fowler. Hence, it is respectfully submitted that Dependent Claims 2-10 are patentable over the combination of Gvili and Fowler for the reasons discussed above.

With respect to Independent Claim 12, it is respectfully submitted that Independent Claim 12 recites similar limitations as in Independent Claim 1. In particular, Independent Claim 12 recites the limitation, "data input device for ***scrolling, selecting, and editing operations***," (emphasis added). Therefore, Independent Claim 12 is patentable over the combination of Gvili and Fowler for reasons discussed in connection with Independent Claim 1.

Dependent Claims 13-23 are dependent on allowable Independent Claim 12, which is allowable over the combination of Gvili and Fowler. Hence, it is respectfully submitted that Dependent Claims 13-23 are patentable over the combination of Gvili and Fowler for the reasons discussed above.

Claims 11 and 24 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Gvili, U.S. Patent No. 5,717,593 (hereafter Gvili), in view of Fowler et al., U.S. Patent No. 6,104,979 (hereafter Fowler), and further in view of McClure et al., U.S. Patent No. 6,539,303 (hereafter McClure). These rejections are respectfully traversed.

Dependent Claims 11 and 24 are dependent on allowable Independent Claims 1 and 12 respectively, which are allowable over the combination of Gvili and Fowler. Moreover, McClure describes a control panel (10) having switches (12), (14), (16), and (18). [McClure; Figures 1 and 2; Col. 5, lines 45-49]. A program menu is entered by operation of the switch (12). Id. The down and up switches (16) and (18) are used to step or scroll through the menu selections. Id. The switch (14) is used to select a function displayed on the menu display (24). Id. However, McClure fails to disclose a data input device for scrolling, selecting, and editing operations, as in the invention of Independent Claims 1 and 12. Hence, it is respectfully submitted that Independent Claims 1 and 12 are patentable over the combination of Gvili, Fowler, and McClure for the reasons discussed above. Since Dependent Claims 11 and 24 depend from Independent Claims 1 and 12 respectively, it is respectfully submitted that Dependent Claims 11 and 24 are patentable over the combination of Gvili, Fowler, and McClure for the reasons discussed above.

Claims 28-34 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Fowler et al., U.S. Patent No. 6,104,979 (hereafter Fowler) in view of Gvili, U.S. Patent No. 5,717,593 (hereafter Gvili). These rejections are respectfully traversed.

Dependent Claims 28-34 are dependent on allowable Independent Claim 25, which is allowable over Fowler. Moreover, Gvili fails to disclose a data input device that enables scrolling, selecting, and editing operations, as in the invention of Independent Claim 25. Hence, it is respectfully submitted that Independent Claim 25 is patentable over the combination of Fowler and Gvili for the reasons discussed above. Since Dependent Claims 28-34 depend from Independent Claim 25, it is respectfully submitted that Dependent Claims 28-34 are patentable over the combination of Fowler and Gvili for the reasons discussed above.

Claim 35 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Fowler et al., U.S. Patent No. 6,104,979 (hereafter Fowler), and further in view of McClure et al., U.S. Patent No. 6,539,303 (hereafter McClure). These rejections are respectfully traversed.

Dependent Claim 35 is dependent on allowable Independent Claim 25, which is allowable over Fowler. Moreover, McClure describes a control panel (10) having switches (12), (14), (16), and (18). [McClure; Figures 1 and 2; Col.

5, lines 45-49]. A program menu is entered by operation of the switch (12). Id. The down and up switches (16) and (18) are used to step or scroll through the menu selections. Id. The switch (14) is used to select a function displayed on the menu display (24). Id. However, McClure fails to disclose a data input device that enables scrolling, selecting, and editing operations, as in the invention of Independent Claim 25. Hence, it is respectfully submitted that Independent Claim 25 is patentable over the combination of Fowler and McClure for the reasons discussed above. Since Dependent Claim 35 depends from Independent Claim 25, it is respectfully submitted that Dependent Claim 35 is patentable over the combination of Fowler and McClure for the reasons discussed above.

CONCLUSION

It is respectfully submitted that the above claims, arguments, and remarks overcome all rejections. All remaining claims (Claims 1-35) are neither anticipated nor obvious in view of the cited references. For at least the above-presented reasons, it is respectfully submitted that all remaining claims (Claims 1-35) are in condition for allowance.

The Examiner is urged to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

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Respectfully submitted,

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